

# 6/B
nAttorney Docket No. AFFYP016C1
(client file no. 3010.2A)**PATENT**

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re the application of)
ROBERT J. LIPSHUTZ et al.) Examiner: J. Riley
Application No.: 09/939,119) Art Unit: 1637
Filed: August 24, 2001)
For: POLYMORPHISM DETECTION) October 7, 2002

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CERTIFICATE OF MAILING

I hereby certify that this correspondence is being deposited with the United States Postal Service as First Class Mail in an envelope addressed to: Assistant Commissioner for Patents, Washington, DC 20231 on October 7, 2002.

Signed: Jacquie M. Vo
Jacquie M. Vo

AMENDMENT B

Assistant Commissioner for Patents
Washington, D.C. 20231

Sir:

In response to the Office Action mailed April 4, 2002, please amend the application as follows.

In the Claims

Please replace the pending claims with the following:

B | 1. (Amended) An array of oligonucleotide probes for detecting a polymorphism in a target nucleic acid sequence using Principal Component Analysis, said array comprising at least one detection block of probes, said detection block including a first group of probes that are